

METHOD OF MAKING A BONDED NONWOVEN WEB

ABSTRACT OF THE DISCLOSURE

An apparatus for producing a thermally bonded nonwoven web and a process for producing such a web wherein there is provided a patterned embossing roll mounted for contacting the nonwoven web. The patterned embossing roll has an outer surface including a multiplicity of individual raised calender lands which are spaced apart from one another by intervening depressions, the raised calender lands being present at a concentration of 40 to 500 lands per square inch and forming from 4 to 40 percent of the surface area of the embossing roll, and the roll having a hard tie coating adhered to the surface of said roll core and overlying at least said depressions, and a fluoropolymer surface coating adhered to said tie coat.

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